EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S45 6	698	348/294.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:21
S45 5	541	toshiba.as. and bonding adj pads	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S45 4	55	toshiba.as. and bonding adj pads and wafer and width	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S45 3	137	toshiba.as. and bonding adj pads and wafer	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S45 2	4	(SUZUKI near1 KENJI).in. and (MONOI near1 MAKOTO).in.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S45 1	4	(SUZUKI KENJI).in. and (MONOI near1 MAKOTO).in.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S45 0	1	2-065278	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S44 9	61	("358"/$6 "438"/$6) and noise$1 and ((pad$1 electrode$1) same (passivation) same (wire wiring)) and (linear longitudinal$2 elongate$1)	USPAT	OR	OFF	2006/08/02 11:08
S44 8	56	("358"/$6 "438"/$6) and noise$1 and ((pad$1 electrode$1) same (passivation) same (wire wiring)) and (linear longitudinal$2)	USPAT	OR	OFF	2006/08/02 11:08
S44 7	133	("358"/$6 "438"/$6) and noise$1 and ((pad$1 electrode$1) same (passivation) same (wire wiring))	USPAT	OR	OFF	2006/08/02 11:08
S44 6	538	("358"/$6 "438"/$6) and noise$1 and (pad$1 electrode$1) same (passivation)	USPAT	OR	OFF	2006/08/02 11:08
S44 5	8486	("358"/$6 "438"/$6) and noise$1 and (pad$1 electrode$1)	USPAT	OR	OFF	2006/08/02 11:08
S44 4	28323	("358"/$6 "438"/$6) and noise$1	USPAT	OR	OFF	2006/08/02 11:08
S44 3	8	("4924282").URPN. and (electrode$1 bonding pad$1)	USPAT	OR	OFF	2006/08/02 11:08
S44 2	9	("4924282").URPN.	USPAT	OR	OFF	2006/08/02 11:08

S44 1	2	((passivation adj layer$1) same (electrode$1 (bonding adj pad$1))) same exposed and (wire wiring) and substrate and peripheral$3 and (facsimile copy copier)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S44 0	0	((passivation adj layer$1) same (electrode$1 (bonding adj pad$1))) same exposed and (wire wiring) and substrate and elongated and peripheral$3 and (facsimile copy copier)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S43 9	46	((passivation adj layer$1) same (electrode$1 (bonding adj pad$1))) same exposed and (wire wiring) and substrate and elongated and peripheral$3	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S43 8	141	((passivation adj layer$1) same (electrode$1 (bonding adj pad$1))) same exposed and (wire wiring) and substrate and elongated	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S43 7	0	((passivation adj layer$1) same (electrode$1 (bonding adj pad$1))) same exposed and (wire wiring) and substrate and elongaged	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S43 6	795	((passivation adj layer$1) same (electrode$1 (bonding adj pad$1))) same exposed and (wire wiring)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S43 5	12	S429 and insulat$4 same (wire$1 wiring) same (bonding electrode$1)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S43 4	12	S429 and insulat$4 same (wire$1 wiring) and bonding	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S43 3	14	S429 and insulat$4 same (wire$1 wiring)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S43 2	36	S429 and insulat$4	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S43 1	1	09/892506 and passivation	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S43 0	0	09/892506 and pasivation	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08

| S42 9 | 94 | (US-20020051068-$ or US-20030094675-$ or US-20030128406-$).did. or (US-4330796-$ or US-4368978-$ or US-4408231-$ or US-4495409-$ or US-4617471-$ or US-4654536-$ or US-4663656-$ or US-4665008-$ or US-4672433-$ or US-4679088-$ or US-4687329-$ or US-4706130-$ or US-4736251-$ or US-4737852-$ or US-4746989-$ or US-4772951-$ or US-4775880-$ or US-4788522-$ or US-4819072-$ or US-4837614-$ or US-4884128-$ or US-4887160-$ or US-4892842-$ or US-4914504-$ or US-4926251-$ or US-4987477-$).did. or (US-5010409-$ or US-5087964-$ or US-5105264-$ or US-5126859-$ or US-5148268-$ or US-5151775-$ or US-5220184-$ or US-5220210-$ or US-5249055-$ or US-5266828-$ or US-5276459-$ or US-5315412-$ or US-5317146-$ or US-5336878-$ or US-5353052-$ or US-5389775-$ or US-5469239-$ or US-5483053-$ or US-5483282-$ or US-5491566-$ or US-5550653-$ or US-5600152-$ or US-5604362-$ or US-5648653-$ or US-5703386-$ or US-5737017-$ or US-5753959-$).did. or (US-5757520-$ or US-5768023-$ or US-5773814-$ or US-5841554-$ or US-5844297-$ or US-5856879-$ or US-6037609-$ or US-6037655-$ or US-6100960-$ or US-6107637-$ or US-6144084-$ or US-6153874-$ or US-6201293-$ or US-6249362-$ or US-6285047-$ or US-6310395-$ or US-6337495-$ or US-6342670-$ or US-6359706-$ or US-6388241-$ or US-6410987-$ or US-6444905-$ or US-6507011-$ or US-6529239-$ or US-6556300-$ or US-6559956-$ or US-6596979-$).did. or (US-6618173-$ or US-6650416-$ or US-6670598-$ or US-6765276-$ or US-6768565-$ or US-6831761-$).did. or (EP-468255-$ or EP-520516-$).did. or (JP-05243541-$ or JP-2002016759-$ or JP-61135272-$).did. | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2006/08/02 11:08 |

EAST Search History

S428	1	09/892506 and central	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S427	2	(linear adj image adj sensor) and (bonding adj pad$4) and passivation	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S426	1	(linear adj image adj sensor) and (bonding adj pad$4) same passivation	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S425	9	LIS adj chip	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S424	39	((passivation adj layer$1) same (bonding adj pad$1)) and substrate and photodiode$1	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S423	1047	((passivation adj layer$1) same (bonding adj pad$1)) and substrate	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S422	1211	((passivation adj layer$1) same (bonding adj pad$1))	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S421	3	S419 and ((passivation adj layer$1) and (bonding adj pad$1))	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S420	2603	(passivation adj layer$1) and (bonding adj pad$1)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08

EAST Search History

| S41 9 | 94 | (US-20020051068-$ or US-20030094675-$ or US-20030128406-$).did. or (US-4330796-$ or US-4368978-$ or US-4408231-$ or US-4495409-$ or US-4617471-$ or US-4654536-$ or US-4663656-$ or US-4665008-$ or US-4672433-$ or US-4679088-$ or US-4687329-$ or US-4706130-$ or US-4736251-$ or US-4737852-$ or US-4746989-$ or US-4772951-$ or US-4775880-$ or US-4788522-$ or US-4819072-$ or US-4837614-$ or US-4884128-$ or US-4887160-$ or US-4892842-$ or US-4914504-$ or US-4926251-$ or US-4987477-$).did. or (US-5010409-$ or US-5087964-$ or US-5105264-$ or US-5126859-$ or US-5148268-$ or US-5151775-$ or US-5220184-$ or US-5220210-$ or US-5249055-$ or US-5266828-$ or US-5276459-$ or US-5315412-$ or US-5317146-$ or US-5336878-$ or US-5353052-$ or US-5389775-$ or US-5469239-$ or US-5483053-$ or US-5483282-$ or US-5491566-$ or US-5550653-$ or US-5600152-$ or US-5604362-$ or US-5648653-$ or US-5703386-$ or US-5737017-$ or US-5753959-$).did. or (US-5757520-$ or US-5768023-$ or US-5773814-$ or US-5841554-$ or US-5844297-$ or US-5856879-$ or US-6037609-$ or US-6037655-$ or US-6100960-$ or US-6107637-$ or US-6144084-$ or US-6153874-$ or US-6201293-$ or US-6249362-$ or US-6285047-$ or US-6310395-$ or US-6337495-$ or US-6342670-$ or US-6359706-$ or US-6388241-$ or US-6410987-$ or US-6444905-$ or US-6507011-$ or US-6529239-$ or US-6556300-$ or US-6559956-$ or US-6596979-$).did. or (US-6618173-$ or US-6650416-$ or US-6670598-$ or US-6765276-$ or US-6768565-$ or US-6831761-$).did. or (EP-468255-$ or EP-520516-$). did. or (JP-05243541-$ or JP-2002016759-$ or JP-61135272-$).did. | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2006/08/02 11:08 |

S418	0	connell.xp.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S417	0	connell.xa.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S416	125	"348"/224$3.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S415	0	"348"/224.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S414	0	"348"/224.ccls. and bonding adj pad$1	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S413	2	S411 and (wide width) same minimiz$3	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S412	63	S411 and (wide width)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08

| S41 1 | 86 | (US-20020051068-$ or US-20030094675-$ or US-20030128406-$).did. or (US-4330796-$ or US-4368978-$ or US-4408231-$ or US-4495409-$ or US-4617471-$ or US-4663656-$ or US-4665008-$ or US-4679088-$ or US-4687329-$ or US-4706130-$ or US-4737852-$ or US-4746989-$ or US-4772951-$ or US-4775880-$ or US-4788522-$ or US-4819072-$ or US-4892842-$ or US-4914504-$ or US-4987477-$ or US-5010409-$ or US-5087964-$ or US-5105264-$ or US-5126859-$ or US-5151775-$ or US-5220184-$ or US-5220210-$).did. or (US-5249055-$ or US-5266828-$ or US-5317146-$ or US-5389775-$ or US-5469239-$ or US-5483282-$ or US-5491566-$ or US-5600152-$ or US-5604362-$ or US-5703386-$ or US-5753959-$ or US-5757520-$ or US-5768023-$ or US-5841554-$ or US-5844297-$ or US-6037609-$ or US-6037655-$ or US-6107637-$ or US-6144084-$ or US-6201293-$ or US-6285047-$ or US-6310395-$ or US-6337495-$ or US-6342670-$ or US-6410987-$ or US-6444905-$ or US-6670598-$).did. or (US-6765276-$ or US-4884128-$ or US-4887160-$ or US-5483053-$ or US-4736251-$ or US-4926251-$ or US-6831761-$ or US-5315412-$ or US-6529239-$ or US-6556300-$ or US-6650416-$ or US-6768565-$ or US-6559956-$ or US-5648653-$ or US-5148268-$ or US-5856879-$ or US-5550653-$ or US-6507011-$ or US-4837614-$ or US-4654536-$ or US-4672433-$ or US-5276459-$ or US-5336878-$ or US-5353052-$ or US-5737017-$ or US-5773814-$ or US-6388241-$).did. or (US-6100960-$ or US-6153874-$ or US-6249362-$ or US-6359706-$ or US-6596979-$ or US-6618173-$).did. or (EP-468255-$ or EP-520516-$). did. or (JP-2002016759-$ or JP-61135272-$ or JP-05243541-$).did. | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2006/08/02 11:08 |

EAST Search History

S41 0	1	"20030090572"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S40 9	0	"2003 adj 0090572"	USPAT	OR	OFF	2006/08/02 11:08
S40 8	0	"20030090572"	USPAT	OR	OFF	2006/08/02 11:08
S40 7	3	"2003/0090572"	USPAT	OR	OFF	2006/08/02 11:08
S40 6	0	"20030090572"	USPAT	OR	OFF	2006/08/02 11:08
S40 5	329	(four same color$1 same filter$1) and CCD and linear and sensor	USPAT	OR	OFF	2006/08/02 11:08
S40 4	479	(four same color$1 same filter$1) and CCD and linear	USPAT	OR	OFF	2006/08/02 11:08
S40 3	1039	(four same color$1 same filter$1) and CCD	USPAT	OR	OFF	2006/08/02 11:08
S40 2	4021	four same color$1 same filter$1	USPAT	OR	OFF	2006/08/02 11:08
S40 1	5	four same linear near2 array same color$1 same filter$1	USPAT	OR	OFF	2006/08/02 11:08
S40 0	0	four near2 linear near2 array same color$1 same filter$1	USPAT	OR	OFF	2006/08/02 11:08
S39 9	16	("5148268").URPN. and filter$1	USPAT	OR	OFF	2006/08/02 11:08
S39 8	0	("4896216").PN. and filter$1	USPAT	OR	OFF	2006/08/02 11:08
S39 7	1	("4896216").PN.	USPAT	OR	OFF	2006/08/02 11:08
S39 6	24	("5148268").URPN.	USPAT	OR	OFF	2006/08/02 11:08
S39 5	1	("5148268").PN. and green	USPAT	OR	OFF	2006/08/02 11:08
S39 4	1	("6201293").pn.	USPAT	OR	OFF	2006/08/02 11:08
S39 3	1	("6201313").pn.	USPAT	OR	OFF	2006/08/02 11:08
S39 2	19	("5148268").URPN. and green	USPAT	OR	OFF	2006/08/02 11:08
S39 1	24	("5148268").URPN.	USPAT	OR	OFF	2006/08/02 11:08
S39 0	1	("5148268").pn. and filter$1	USPAT	OR	OFF	2006/08/02 11:08

S38 9	1	("5148268").pn.	USPAT	OR	OFF	2006/08/02 11:08
S38 8	24	("5148268").URPN.	USPAT	OR	OFF	2006/08/02 11:08
S38 7	14	("5648653").URPN.	USPAT	OR	OFF	2006/08/02 11:08
S38 6	1	("6559956").URPN.	USPAT	OR	OFF	2006/08/02 11:08
S38 5	11	S384 and red	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/02 11:08
S38 4	17	("4769537" | "4774494" | "4778988" | "4956555" | "5153421" | "5223708" | "5406067" | "5637862" | "5648653").PN. OR ("5808297"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/02 11:08
S38 3	1	"5808297".pn.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S38 2	1	"5510273".pn.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S38 1	8	("5808297").URPN.	USPAT	OR	OFF	2006/08/02 11:08
S38 0	5	"5,808,297".pn. "5,543,838".pn. "5,550,653".pn. "5,604,362".pn. "5,519,514".pn.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S37 9	115	((red near2 green near2 blue) same (color adj filter$3) same white) and (image imaging) and photodiode$1 and four	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S37 8	183	((red near2 green near2 blue) same (color adj filter$3) same white) and (image imaging) and photodiode$1	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S37 7	17	("3910701" | "4003660" | "4553033" | "4989985" | "5078497" | "5137364" | "5272518" | "5377000" | "5526190" | "5671059" | "5748221" | "5838451" | "5844680" | "5963333" | "6020583" | "6147761" | "6157454").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/02 11:08
S37 6	2402	((red near2 green near2 blue) same (color adj filter$3) same white) and (image imaging)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08

EAST Search History

S37 5	2386	((red near2 green near2 blue) same (color adj filter$3) same white) and image	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S37 4	5434	(red near2 green near2 blue) same filter$3 same white	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S37 3	1	"6556300".pn. and "5"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S37 2	0	"6556300".pn. and "fig$1" adj "5"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S37 1	0	"6556300".pn. and "fig." adj "5"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S37 0	0	"6556300".pn. and fig adj "5"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S36 9	38	S368 not S367	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S36 8	39	(four near2 (image adj sensor)) and (color near2 filter) same (four quad fourth)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S36 7	23	(linear adj image adj sensor) and (color near2 filter) same (four quad fourth)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S36 6	1	"4,764,670".pn.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S36 5	1	09/892,506 and juxtapose$2	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S36 4	149	(linear adj image adj sensor) and (color adj filter)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S36 3	6	(lead adj electrode$1) and bonding adj stitch$3 and stitch	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S36 2	7	(lead adj electrode$1) and bonding adj stitch$3	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S36 1	176	(lead adj electrode$1) and bonding adj pad$1	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08

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S36 0	8175	(lead adj electrode$1)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S35 9	9	(linear adj image adj sensor) and (lead adj electrode$1)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S35 8	28	S349 and photodiode$1 same (light adj shield$3)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S35 7	53	S349 and photodiode$1 and light adj shield$3	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S35 6	1	S349 and light adj suppressing	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S35 5	1	S349 and photodiode$1 and light adj suppressing	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S35 4	1	S349 and photodiode$1 same light adj suppressing	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S35 3	1	"5321528".pn. and output adj amplifier	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S35 2	0	"5321528".pn. and output adj amplifier and photodiode$1	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S35 1	1	"5321528".pn.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S35 0	13	S349 and photodiode$1 same (output adj amplifier$1)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S34 9	2258	linear adj image adj sensor	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S34 8	57	(substrate same etch$3) and (bond$3 adj pad$1) same photodiode$1 and amplifier$1	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S34 7	122	(substrate same etch$3) and (bond$3 adj pad$1) same photodiode$1	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S34 6	7	(substrate same etch$3) and (bond$3 adj pad$1) same (output adj amplifier)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08

S34 5	11982	(substrate same etch$3) and (bond$3 adj pad$1)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S34 4	381	(linear adj image adj sensor) and etch$3	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S34 3	659	(linear adj image adj sensor) and chip	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S34 2	36	((linear adj image adj sensor) and (charge adj transfer$4) same photodiode$1) and amplifier$1	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S34 1	57	((linear adj image adj sensor) and (charge adj transfer$4) same photodiode$1)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S34 0	105	((linear adj image adj sensor) and (charge adj transfer$4) and photodiode$1)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S33 9	24	((linear adj image adj sensor) and wir$3 and bond$3 and photodiode$1) not silverbrook	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S33 8	72	((linear adj image adj sensor) and wir$3 and bond$3) not silverbrook	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S33 7	210	(linear adj image adj sensor) and wir$3 and bond$3	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S33 6	3	LIS adj chip	USPAT	OR	OFF	2006/08/02 11:08
S33 5	2	LIS adj chip and bonding	USPAT	OR	OFF	2006/08/02 11:08
S33 4	10	("4617471").URPN.	USPAT	OR	OFF	2006/08/02 11:08
S33 3	5	("4772951").URPN.	USPAT	OR	OFF	2006/08/02 11:08
S33 2	34	358/482.ccls. and pad$ and (metal wire$1)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S33 1	12	257/234.ccls. and pad$ and (metal wire$1)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S33 0	9	358/513.ccls. and pad$ and (metal wire$1)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08

S32 9	1	"5389775".pn.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S32 8	69	257/234.ccls. and (metal wire$1)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S32 7	28	("3769091" | "4467342" | "4976802" | "4990462" | "5057854" | "5063286" | "5166865" | "5192959").PN. OR ("5473513").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/02 11:08
S32 6	1	"5473513".pn.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S32 5	15	257/234.ccls. and pad$1	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S32 4	13	("4281254" | "4472744" | "4540901" | "4641185" | "4647977" | "4819072" | "5025318" | "5285295" | "5317423" | "5345319" | "5379067" | "5539536" | "6153874").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/02 11:08
S32 3	35	257/234.ccls. and ((linear adj image) line) adj sensor	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S32 2	148	358/513.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S32 1	196	257/234.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S32 0	980	358/400.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S31 9	665	358/482.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S31 8	0	258/482.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S31 7	431	257/225.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S31 6	2	"02065278"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08

S31 5	0	02-065278	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S31 4	1	"58206280"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S31 3	0	58-206280	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S31 2	3	57-090065	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S31 1	26	hitachi and aizo and hajime and semiconductor	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S31 0	218	linear adj image adj sensor and EP not silverbrook	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S30 9	337	linear adj image adj sensor and EP	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S30 8	376	EP and "1990" and seiko and sensor	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S30 7	2290	EP and "1990" and seiko	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S30 6	4	"355 522" and EP	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S30 5	0	"355 522 A2" and EP	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S30 4	0	"0 355 522 A2" and EP	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S30 3	2	"0 355 522" and EP	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S30 2	2	"0 355 522"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S30 1	22	"355" adj "522"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08

EAST Search History

S30 0	85	("257"/$6.ccls. and (bonding adj (pad$1 wire$1)) and facsimile)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S29 9	65	"257"/$6.ccls. and (bonding) and amplifier and facsimile	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S29 8	7	"257"/$6.ccls. and (bonding adj pad$1) and amplifier and facsimile	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S29 7	913	"257"/$6.ccls. and (bonding adj pad$1) and amplifier	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S29 6	11046	"257"/$6.ccls. and (bonding adj pad$1)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S29 5	0	"258"/$6.ccls. and (bonding adj pad$1)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S29 4	134	S293 and bonding adj pad$1	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S29 3	2258	linear adj image adj sensor	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S29 2	275	(linear adj image adj sensor) and bond$4	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S29 1	312	(peripheral adj circuit$1) and amplifier$1 and (bond$3 adj pad$1) and substrate and (glass window)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S29 0	12	(peripheral adj circuit$1) and amplifier$1 and (bond$3 adj pad$1) and substrate and (glass window) and photodiode$1	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S28 9	312	(peripheral adj circuit$1) and amplifier$1 and (bond$3 adj pad$1) and substrate and (glass window)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S28 8	738	(peripheral adj circuit$1) and amplifier$1 and (bond$3 adj pad$1) and substrate	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S28 7	839	(peripheral adj circuit$1) and amplifier$1 and (bond$3 adj pad$1)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08

EAST Search History

S28 6	38	(line adj sensor) and (peripher$$2 near2 circuit$1) and amplifi$6 and bond$3	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S28 5	9	(line adj sensor) and (peripher$$2 near2 circuit$1) and amplifi$6 and bond	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S28 4	213	(line adj sensor) and (peripher$$2 near2 circuit$1) and amplifi$6	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S28 3	3	(line adj sensor) and peripher$$2 near2 (circuit$1 and amplifi$6)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S28 2	483	(line adj sensor) and peripher$$2 near3 circuit$1	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S28 1	1576	(line adj sensor) and fuji.as.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S28 0	107	(linear adj image adj sensor) and fuji.as.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S27 9	302	((linear adj image adj sensor) and peripheral) not S275	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S27 8	5	((linear adj image adj sensor) and output adj (amplifier$1 amplification)) not S277	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S27 7	103	((linear adj image adj sensor) and output adj (amplifier$1 amplification)) not S275	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S27 6	108	(linear adj image adj sensor) and output adj (amplifier$1 amplification)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S27 5	86	(linear adj image adj sensor) and peripher$$2 near3 circuit$1	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S27 4	384	(linear adj image adj sensor) and peripheral	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S27 3	77	(linear adj image adj sensor) and bond$4 and amplifier$1	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S27 2	267	(linear adj image adj sensor) and bond$4 not S270	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08

EAST Search History

S27 1	2258	linear adj image adj sensor	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S27 0	170	257/443$3.ccls. and bonding$1	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S26 9	170	(257/443$3.ccls. and bonding$1) not "L43" not S267	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S26 8	170	(257/443$3.ccls. and bonding$1) not (S267 "L43")	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S26 7	24	("3969751" | "4232219" | "4316204" | "4630355" | "4678273" | "4786607" | "4806496" | "5005029" | "5037780" | "5039620" | "5071787" | "5079190" | "5155777").PN. OR ("5266828"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/02 11:08
S26 6	24	("3969751" | "4232219" | "4316204" | "4630355" | "4678273" | "4786607" | "4806496" | "5005029" | "5037780" | "5039620" | "5071787" | "5079190" | "5155777").PN. OR ("5266828"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/02 11:08
S26 5	180	257/443$3.ccls. and linear	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S26 4	48	257/443$3.ccls. and linear and pad$1	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S26 3	136	257/443$3.ccls. and pad$1	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S26 2	37	257/443$3.ccls. and bonding adj pad$1	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S26 1	168	257/443$3.ccls. and bonding	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S26 0	942	257/443$3.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08

EAST Search History

S259	4	"5220210"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S258	99	S257 not (S254 "s24")	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S257	134	S256 and bonding adj pad$1	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S256	2258	linear adj image adj sensor	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S255	35	S254 not "s24"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S254	35	"348"/$6.ccls. and (linear adj image adj sensor) and (bonding adj pad$1)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S253	7	"257"/$6.ccls. and (linear adj image adj sensor) and (bonding adj pad$1)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S252	35	"348"/$6.ccls. and (linear adj image adj sensor) and (bonding adj pad$1)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S251	1042	(image imaging) and bonding adj pad$1 and ("257" "348")	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S250	4415	(image imaging) and bonding adj pad$1	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S249	0	("348" "257")/$6.ccls. and S248	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S248	134	S247 and bonding adj pad$1	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S247	2258	linear adj image adj sensor	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S246	0	("348" "257")/$6.ccls. and "L4"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S245	35	"348"/$6.ccls. and S243	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08

S24 4	195	"348"/$6.ccls. and bonding adj pad$1	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S24 3	134	S241 and bonding adj pad$1	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S24 2	199	S241 and bonding	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S24 1	2258	linear adj image adj sensor	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S24 0	107	linear adj image adj sensor and fuji.as.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S23 9	2258	linear adj image adj sensor	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S23 8	187	((Murayama adj Jin).in. (Hagiwara adj Tatsuya).in. (Yamada adj Tetsuo).in.) and fuji.as.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S23 7	902	((Murayama adj Jin).in. (Hagiwara adj Tatsuya).in. (Yamada adj Tetsuo).in.)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S23 6	2195	((Murayama and Jin).in. (Hagiwara and Tatsuya).in. (Yamada and Tetsuo).in.)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S23 5	19	((Murayama near1 Jin) (Hagiwara near1 Tatsuya) (Yamada near1 Tetsuo)) and Kurokawa-gun	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S23 4	17	((Murayama near1 Jin) (Hagiwara near1 Tatsuya) (Yamada near1 Tetsuo)) and Kurokawa-gun and fuji.as.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S23 3	191	((Murayama near1 Jin) (Hagiwara near1 Tatsuya) (Yamada near1 Tetsuo)) and fuji.as.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S23 2	911	(Murayama near1 Jin) (Hagiwara near1 Tatsuya) (Yamada near1 Tetsuo)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08
S23 1	1	09/892,506	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2006/08/02 11:08